

WisWAP Mobile Homes Measures List Reporting Guide

Ref #	Code	Name	Measure Description	Details and Examples	Reporting/Tips
ENERGY CONSERVATION MEASURES (ECMs)					
JHSR Heating System Replacement					
1	JHSR065	Gas Mobile Home 90%	<p>Replace furnaces that have a calculated combustion efficiency of 80% or less.</p> <p>Replace furnaces that have a standing pilot.</p>	<p>If the existing furnace does not meet replacement guidelines, the agency may advance to the next measure described in the measures list. This is the only instance that it is allowable to advance to the next measure without completing the one before.</p> <p>To calculate the combustion efficiency take the output BTU/HR divided by the input BTU/HR to get the efficiency.</p>	<p>The agency must deduct its bid cost from the allowable expenditure. The cost of auxiliary work (i.e., condensate pump, thermostat) shall also be included in the deducted cost.</p> <p>If the furnace was replaced through the HE+ Furnace Program within the last 12 months, the agency must deduct the replacement cost from the job's allowable expenditure limit.</p> <p>The customer does have the option to buy down the cost of the furnace in the pre-WX therm range of 600-1000 therms. The agency is required to use the maximum allowable expenditure amount to go toward the cost of the furnace, if the client agrees to pay the remainder of the cost.</p>

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JHSM Heating System Modifications					
2	JHSM065	Seal Ducts – Mobile Home	<p>Limit duct sealing to the major leakage points of a mobile-home duct system.</p> <ul style="list-style-type: none"> Boots Plenum Ends Crossovers <p>If visual inspection indicates that these areas do not require sealing, then don't seal them.</p>	The agency may also seal major holes in the ductwork, while still addressing the boots, plenum, ends, and crossovers as well, within the time cap.	<p>Limited to 3 total labor hours,</p> <p>This measure comes off of the allowable expenditure.</p>
ABD Air Sealing					
3	ABD035	Non-Guideline Sealing – Mobile Home	<p>Limit air sealing to the typical major leakage points of the mobile home's pressure boundary</p> <ul style="list-style-type: none"> Underneath sinks Above the furnace and water heater Around the electrical box Around kitchen range-hood exhaust <p>If visual inspection indicates that these areas do not require sealing, then don't seal them.</p>	Only perform non-guided type air sealing. WCEG is omitted for measures list mobile homes.	<p>Limited to \$450 or 3 total labor hours, whichever comes first.</p> <p>Cost cap shall include the cost of material and labor.</p> <p>This measure comes off of the allowable expenditure.</p>
DIF Floor Insulation (Limited Belly Insulation)					
4	DIFL095	Fiberglass Batt R11 – Mobile Home	<p>Patch holes in the road barrier and insulate with fiberglass batting, intending to restore the belly to its original construction integrity.</p> <p>Focus only underneath water lines and other areas that need protection from the elements.</p>	When more than 20% of the belly is in need of repair, defer services. Contact the Energy Help Desk if agency thinks they can complete in a cost effective manner within the cost limits.	<p>Limited to \$500.</p> <p>Cost cap shall include the cost of material and labor.</p> <p>This measure comes off of the allowable expenditure.</p>

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5	DIFL100	Fiberglass Batt R19 – Mobile Home	<p>Patch holes in the road barrier and insulate with fiberglass batting, intending to restore the belly to its original construction integrity.</p> <p>Focus only underneath water lines and other areas that need protection from the elements.</p>	When more than 20% of the belly is in need of repair, defer services. Contact the Energy Help Desk if agency thinks they can complete in a cost effective manner within the cost limits.	<p>Limited to \$500.</p> <p>Cost cap shall include the cost of material and labor.</p> <p>This measure comes off of the allowable expenditure.</p>
Baseload Measures					
PCFL Lighting					
6	PCFL035	CFL Bulb – Mobile Home			Does not come off of allowable expenditure.
7	PCFL040	Halogen Torchere Replacement – Mobile Home			Does not come off of allowable expenditure.
8	PCFL045	Exterior – Mobile Home			Does not come off of allowable expenditure.
9	PCFL050	CFL 3-Way Bulb – Mobile Home			Does not come off of allowable expenditure.
MWHT Flow Restrictors and Showerheads					
10	MWHT030	Flow Restrictors- Mobile Home			Does not come off of allowable expenditure.
11	MWHT045	Showerhead - Mobile Home			Does not come off of allowable expenditure.
XHAL CO and Smoke Detectors					
12	XHAL025	CO Detector New or Replace – Mobile Home		If a naturally drafting water heater/furnace will remain in the building after weatherization, install the CO detector near these appliances.	Does not come off of allowable expenditure.
13	XHAL030	Smoke Detector New or Replace – Mobile Home			Does not come off of allowable expenditure.
URR Refrigerator					

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14	URR015	Replacement – Mobile Home	Replace existing refrigerators manufactured prior to 2004.	<p>If the refrigerator is greater than or equal to 18 cubic feet (CF), the replacement refrigerator shall be equal in size</p> <p>If the existing refrigerator is less than 18 CF, upsize to an 18 CF refrigerator if space will allow.</p>	Does not come off of allowable expenditure.
VFR Freezer					
15	VFR005	Replacement	Replace existing refrigerators manufactured prior to 2004.		Does not come off of allowable expenditure
MWHC Water Heater Conversions					
16	MWHC025	Gas, Mobile Home direct vent from electric	Replace existing electric water heaters with natural-gas direct vent water heaters.	Prior to replacement, the energy auditor must verify that the customer agrees to the conversion and that the conversion is feasible.	<p>Does not come off of allowable expenditure.</p> <p>\$250 maximum allowance above and beyond the bid cost allowed for incremental charges</p> <p>Retrofitting of the cabinet for the installation of the water heater.</p>
Health and Safety					
ZRAQ Dryer Venting					
17	ZRAQ030	Dryer Venting – Mobile Home	Vent dryers to the exterior per current Program Manual and Field Guide standards.		Labor and Material shall come off of the allowable expenditure.

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